



IFW

One Arizona Center
Phoenix, Arizona 85004-2202
(602) 382-6000
Fax: (602) 382-6070
www.swlaw.com

PHOENIX, ARIZONA

TUCSON, ARIZONA

IRVINE, CALIFORNIA

SALT LAKE CITY, UTAH

DENVER, COLORADO

LAS VEGAS, NEVADA

Cynthia L. Pillote
602.382.6296
cpillote@swlaw.com

August 19, 2005

Examiner Thomas M. Sember
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Re: Information Disclosure Statement

Dear Mr. Sember:

As we discussed, we received the attached correspondence from your office. Our office has no record of this Application, so we believe that this may have been sent to us in error.

Should you have any questions, please do not hesitate to contact me.

Very truly yours,

Snell & Wilmer



Cynthia L. Pillote

CLP:sgm

Enclosure

1715498.1

Snell & Wilmer is a member of LEX MUNDI, a leading association of independent law firms.



O I P E
AUG 22 2005
UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/632,025	07/31/2003	Pang-Lun Yang	39524.7200	9357
20322 CLP 7590	07/28/2005			
EXAMINER				
SEMBER, THOMAS M				
ART UNIT		PAPER NUMBER		
2875				

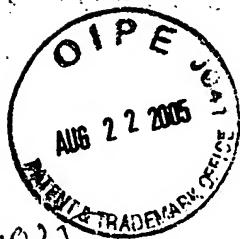
RECEIVED

AUG 09 2005

DATE MAILED: 07/28/2005

SNELL & WILMER

Please find below and/or attached an Office communication concerning this application or proceeding.



UNITED STATES DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office

Address: COMMISSIONER FOR PATENTS

P.O. Box 1450

Alexandria, Virginia 22313-1450

10-632,021

APPLICATION NO./ CONTROL NO.	FILING DATE	FIRST NAMED INVENTOR / PATENT IN REEXAMINATION	ATTORNEY DOCKET NO.
---------------------------------	-------------	---	---------------------

EXAMINER

RECEIVED

AUG 09 2005

ART UNIT

PAPER

100428

SNELL & WILMER

DATE MAILED:

Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner for Patents

PTO-1449 (IDS) FILED ON 11/13/2001 HAS BEEN SIGNED AND CONSIDERED. ITS COPY IS ATTACHED TO THIS COMMUNICATION.

DUNG A LE
Primary Examiner
Art Unit: 2818

AUG 22 2005

SHEET 1 OF 2

Form PTO-146 Department of COMMERCE & TRADEMARK OFFICE Patent and Trademark Office INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary)	Docket No. PAT034US	Serial No. Unassigned 09/993239
	Applicants Anselm et al.	
	Filing Date Herewith	Group Art Unit Unassigned 2818

10110 SPTO
09/993239
11/13/01

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
Dle	4,949,350	08/14/99	Jewell et al.	1		
	5,031,187	07/09/91	Orenstein et al.	1		
	5,115,442	05/19/92	Lee et al.	1		
	5,193,098	03/09/93	Welch et al.	1		
	5,219,785	06/15/93	Welch et al.	1		
Dle	5,256,596	10/26/93	Ackley et al.	1		

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO

OTHER (Including Author, Title, Date, Pertinent Pages, Etc.)

Dle	Qian, Y. et al., "Long Wavelength (1.3 μm) Vertical-Cavity Surface-Emitting Lasers With a Wafer-Bonded Mirror and an Oxygen-Implanted Confinement Region," <i>Appl. Phys. Lett.</i> , Vol. 71, No. 1, (1997), pp. 25-27.
Dle	Ridgway, M. C., et al., "Single-Step Implant Isolation of p ⁺ -InP with 5-MeV O Ions," <i>Appl. Phys. Lett.</i> , Vol. 60, No. 24, (1992), pp. 3010-3012.
Dle	Huffaker, D. L. et al., "Native-Oxide Defined Ring Contact for Low Threshold Vertical-Cavity Lasers," <i>Appl. Phys. Lett.</i> , Vol. 65, No. 1, (1994), pp. 97-99.
Dle	Lee, Y. H. et al., "Top-Surface-Emitting GaAs Four-Quantum-Well Lasers Emitting at 0.85μm", <i>Electronics Letters</i> , Vol. 26, No. 11, (1990), pp.710-711.

EXAMINER Dle DATE CONSIDERED 7-2005

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

Form PTO-1449 Department of Commerce Patent and Trademark Office INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary)	Docket No. PAT034US	Serial No. Unassigned 09/993 239
	Applicant Anselm et al.	
	Filing Date Herewith	Group Art Unit Unassigned 2818

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
Dle	5,328,854	07/12/94	Vakhshoori et al.	1		
1	5,594,751	01/14/97	Scott, Jeffrey W.	2		
	5,764,674	06/09/98	Hibbs-Brenner et al.	3		
	5,893,722	04/13/99	Hibbs-Brenner et al.	4		
S	6,044,100	03/28/00	Hobson et al.	5		
Dle	6,169,756 B1	01/02/01	Chirosky et al.	6		

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO

OTHER (Including Author, Title, Date, Pertinent Pages, Etc.)

Dle	Choquette, K. D., et al., "Low Threshold Voltage Vertical-Cavity Lasers Fabricated by Selective Oxidation," <i>Electronics Letters</i> , Vol. 30, No. 24, (1994), pp. 2043-2044.
Dle	Deng, H. and Deppe, D. G., "Oxide-Confining Vertical-Cavity Laser With Additional Etched Void Confinement," <i>Electronics Letters</i> , Vol. 32, No. 10, (1996), pp. 900-901.
EXAMINER Dle	DATE CONSIDERED 7/2005
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.	